

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A system for bypassing an aneurysm comprising a first prosthesis and at least one second prosthesis communicating with the first prosthesis, said first prosthesis comprising a proximal end, a distal end, a conduit defining a single fluid flow path and a compressible gasket positioned in an interior of the conduit proximate to the distal end, the gasket including at least one aperture for receiving the at least one second prosthesis to create a fluid flow path, wherein said second prosthesis is configured to provide a fluid flow path through the aneurysm.

Claim 2 (original) The system of claim 1 wherein the first prosthesis comprises a stent and a graft material communicating with the stent.
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Claim 3 (original) The system of claim 2 wherein said stent and graft material define a fluid flow path through the prosthesis.

Claims 4 (cancelled)

Claim 5 (previously presented) The system of claim 1 wherein the gasket is configured to receive two second prosthesis.

Claim 6 (original) The system of claim 1 wherein the second prosthesis comprises a stent and graft material communicating with the stent.

Claim 7 (original) The system of claim 6 wherein said stent and graft material define a fluid flow path through the prosthesis.

Claim 8 (original) The system of claim 7 wherein the fluid flow path is a channel that bypasses the aneurysm.

Claim 9 (currently amended) A system for bypassing an aneurysm comprising a first prosthesis defining a first fluid path, at least two second prostheses communicating with the first prosthesis, said first prosthesis comprising a proximal end configured to engage a section of artery upstream of an aneurysm, a distal end, and a compressible gasket positioned in an interior of the first prosthesis proximate to the distal end, the gasket including apertures for receiving the at least two second prostheses to create a fluid flow path, said second prosthesis being configured to bypass the aneurysm and anchor in an artery downstream of the aneurysm.

Claim 17 (new) The system of claim 2 wherein said gasket is integrally formed with the graft material.

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Contd Claim 18 (new) The system of claim 2 wherein said gasket comprises an open cell foam material.

Claim 19 (new) The system of claim 1 wherein the gasket is substantially impervious to fluid thus creating a seal between the first and second prostheses.

Claim 20 (new) The system of claim 1 wherein the at least one second prosthesis is matingly engaged with the gasket at a position proximate to the distal end of the first prosthesis.

Claim 21 (new) The system of claim 20 wherein the at least one second prosthesis is matingly engaged with the gasket at the distal end of the first prosthesis.

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Claim 22 (new) The system of claim 20 wherein said first prosthesis is of sufficient length to extend from a healthy region of an infrarenal neck into an aneurysm and the gasket is engaged with the second prosthesis at a position along the first prosthesis that is disposed within the aneurysm.

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